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(54) **Uv/fluorescence detecting apparatus and sensing method thereof**

(57) Providing a UV/fluorescence detecting apparatus and a sensing method thereof which is capable of detecting a fluorescent pattern and an ultraviolet reflection light and small and cheap. Further, providing a UV/fluorescence detecting apparatus and a sensing method thereof capable of detecting a fluorescence of a specific color. The UV/fluorescence detecting apparatus includes a sensor comprising a light source portion including an ultraviolet ray LED for emitting ultraviolet ray through an opening window portion and an ultraviolet ray monitor provided beside this ultraviolet ray LED, a light detector portion disposed in a chamber partitioned with a partition plate for receiving an incident light impinging through the opening window portion, the partition plate 6a for partitioning between the light source portion and the light detector portion; a transparent body provided on the both opening window portions, a first filter provided on a window portion on projection side of the ultraviolet ray for allowing the light of an ultraviolet ray region thereof to pass through and a second filter provided on a window portion on light receiving side of the incident light for allowing the light of a visible light region thereof to pass through.

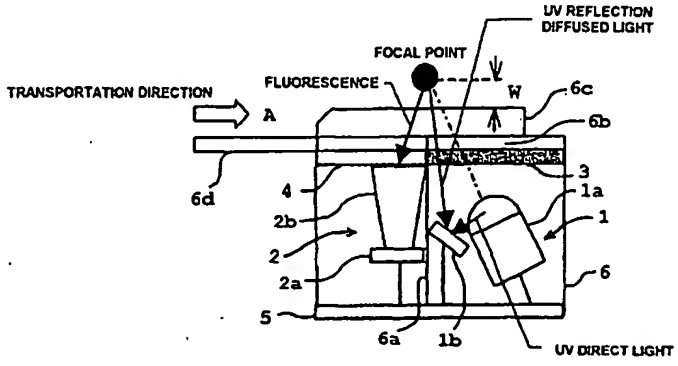

FIG. 3

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EUROPEAN SEARCH REPORT

Application Number
EP 01 12 9446

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	13 January 2004	Bohn, P

CATEGORY OF CITED DOCUMENTS

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